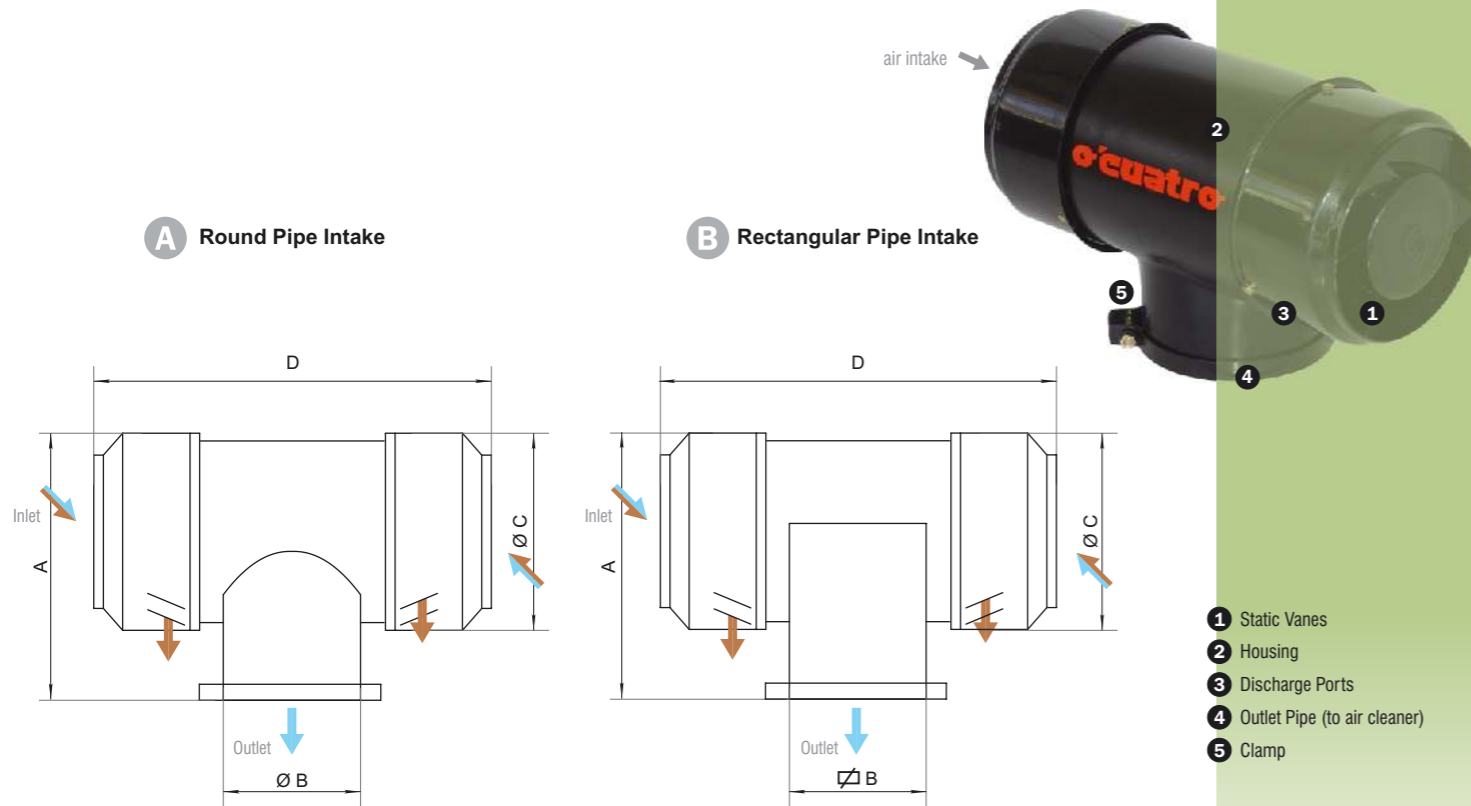




Externally Mounted Dynamic Engine Air Precleaners - FU Series  
Truck Line.



Impure air.  
Clean air.  
Impurities.

MODEL	Airflow Range	Horsepower Range	Weight	Dimensions				
				A	Ø B	Ø B	Ø C	D
<b>A</b> FU 150 T	up to 15 m <sup>3</sup> /min (up to 529 CFM)	up to 200 HP (up to 150 KW)	3.40 kg (7.50 lbs)	260 mm (10.2")	102 mm (4.0")		196 mm (7.8")	340 mm (13.4")
<b>B</b> FU 200	up to 17 m <sup>3</sup> /min (up to 600 CFM)	up to 250 HP (up to 185 KW)	3.50 kg (7.70 lbs)	290 / 422 mm (11.4" / 16.6")		95 x 187 mm (3.8" x 7.4")	196 mm (7.8")	400 mm (15.7")
<b>B</b> FU 200VW	up to 17.0 m <sup>3</sup> /min (up to 600 CFM)	up to 250 HP (up to 185KW)	3.50 kg (7.70lbs)	230 mm (9.1")		80 x 220 mm (3.2" x 8.7")	196 mm (7.8")	430 mm (16.9")
<b>A</b> FU 270	up to 17.0 m <sup>3</sup> /min (up to 600 CFM)	up to 250 HP (up to 185 KW)	4.25 kg (9.40 lbs)	256 mm (10.1")	152 mm (6")		196 mm (7.8")	400 mm (15.7")
<b>B</b> SC 112C	up to 27.0 m <sup>3</sup> /min (up to 953 CFM)	up to 350 HP (up to 261 KW)	5.80 kg (12.80 lbs)	345 mm (13.6")		110 x 294 mm (4.33" x 11.6")	235 mm (9.3")	550 mm (21.7")
<b>A</b> PN 350	up to 27 m <sup>3</sup> /min (up to 953 CFM)	up to 350 HP (up to 261 KW)	5.20 kg (11.50 lbs)	360 / 290 mm (14.2" / 11.4")	152 / 203 mm (6" / 8")		235 mm (9.3")	465 mm (18.3")

- 1 Static Vanes
- 2 Housing
- 3 Discharge Ports
- 4 Outlet Pipe (to air cleaner)
- 5 Clamp



PRODUCTS

These Air Precleaners consist of a housing with static vanes and a rust-proof rotor mounted on dual ball bearings. The outlet tube (round pipe intake) can be adapted with the supplied reducing sleeves for a variety of outlet choices. O'CUATRO Engine Air Precleaners are powder coated for a durable, corrosion-resistant finish. Air flows range up to 953 CFM (up to 27 m<sup>3</sup>/min). Complete specifications are provided on the previous page.

HOW THEY WORK

O'CUATRO Engine Air Precleaners are usually installed in place of the rain cap, dust bowl, or aspirated precleaner (exhaust system). In some applications, they can be mounted directly to the air cleaner.

Air enters the system through static vanes at two sides of the precleaner, causing the air to spin. As the air spins, centrifugal force separates dust, dirt, insects, rain and snow from the air stream. The swirling air drives two high velocity rotors that act as blowers evacuating contaminants through special discharge ports at the back of the unit. Only purified air flows to the air filter elements.

FEATURES AND BENEFITS

- Remove up to 90 % of impurities from intake air before the air enters the filter elements.
- Compact, low-profile design.
- Extend engine air filter life.
- Reduce down time.
- Prolong engine and turbocharger life.
- Save on fuel costs.
- Easy to install.
- Wide range of applications and flow rates.
- High air flow, low differential design.
- Black powder coat.
- O'CUATRO Air Precleaners are self-powered and self-cleaning, requiring no electrical or exhaust gas power to dispose of separated particles. They require virtually no maintenance and should be inspected occasionally to insure that no foreign material has plugged intake or exhaust port areas.

APPLICATIONS

O'CUATRO Engine Air Precleaners are designed to be mounted on or connected to the air filter intake of a gasoline, diesel or compressed gas engine air cleaner. Their applications include all fast-moving mobile equipment such as trucks, buses and recreational vehicles.



Notes: 1) In normally aspirated engines the model selection by horsepower range is just a recommendation. 2) In turbocharged or turbo-aftercooled engines the correct model selection is based on the maximum air flow. 3) For particular applications you have a complete line of installation accessories. 4) The diameters ØB (Outlet Size) are the standard inside diameters. From these the outlet tube can be adapted with reducing sleeves for a variety of smaller outlet choices. These sleeves are provided from Ø 7" to Ø 2.5" generally in ¼" or ½" steps.